MULTIMEDIA UNIVERSITY

STUDENT ID NO

MULTIMEDIA UNIVERSITY

FINAL EXAMINATION

TRIMESTER 2, 2019/2020

BMM2054 – ERP MATERIALS MANAGEMENT

(All sections / Groups)

28 FEBRUARY 2020
3.00 P.M. – 5.00 P.M.
(2 Hours)

INSTRUCTIONS TO STUDENTS

1. This question paper consists of 3 pages (including cover page) with 4 questions only.
2. Attempt ALL FOUR questions. All questions carry equal marks and the distribution of the marks for each question is given.
3. Please write all your answer in the Answer Booklet provided.

Question 1 (25 Marks)

SAP MM (Materials Management) is a module in SAP ERP Central Component (ECC) that provides companies with materials, inventory and warehouse management capabilities. The primary goal of SAP MM is to make sure that materials are always kept in proper quantities and without shortages or gaps in the organization's supply chain. It also helps supply chain professionals and other SAP users complete the purchasing of goods in a timely and cost-effective way and to be able to deal with day-to-day changes in these processes.

a. Once the requisition has been assigned a source of supply it can be released for processing. There are a variety of ways that a purchasing department can process a requisition to determine the appropriate Source of Supply. Describe all the **FOUR (4)** ways.

(16 marks)

b. When a Goods Movement for the receipt of goods takes place a series of events occur. Explain all the **SIX (6)** events.

(9 Marks)

Question 2 (25 Marks)

SAP's electronic payment processing products provide basic payment card processing capabilities. However, ensuring functional continuity and transaction efficiency between multiple SAP components and payment processors is a far more complex challenge than many realize. It is important to understand the basics of the payment card processing landscape and how to best enhance and utilize SAP systems.

SAP is a payment processing system that accepts basic electronic payment while ensuring efficiency across multiple systems applications and product components. Give an example of transaction and write down the steps to display payment to vendor in SAP system for the purchase of item 51000 and the amount is USD 6666.00 from the vendor account 202666.

(25 Marks)

Question 3 (25 Marks)

Production Planning is the process of aligning demand with manufacturing capacity to create production and procurement schedules for finished products and component materials.

SAP PP is an important module of SAP. It tracks and makes a record of the manufacturing process flows, for example, the planned and actual costs. Also, goods movements from the conversion of raw material to semi-finished goods.

Continued...

a. Routings enable you to plan the production of materials (products). Explain what is routing. Discuss what you plan in a routing.

(10 Marks)

b. Explain **FIVE (5)** processes of production planning and execution

(15 Marks)

Question 4 (25 Marks)

Work centre is an organization unit where manufacturing activities are performed. Data in work centers is used for

- Scheduling - Operating times and formulas are entered in the work center, so that the duration of an operation can be calculated.
- Costing - Formulas are entered in the work center, so that the costs of an operation can be calculated. A work center is also assigned to a cost center.
- Capacity planning - The available capacity and formulas for calculating capacity requirements are entered in the work center.
- Simplifying operation maintenance - Various default values for operations can be entered in the work center

In other words, Work Centres are the master data which represent real machines, Production Lines, Assembly Work Centre, etc. Manufacturing activity or Operations are carried out at Work Centre.

Work Centres are used in task list (routing) operations and is copied to production orders or process orders for the shop floor planning and execution.

Give an example of transaction and write down the steps by entering Plant DL11 in SAP system for the work center in Berlin. You must be able to write the processing formula work correctly.

(25 Marks)

End of Page